



Shaheed Zulfikar Ali Bhutto Institute of Science & Technology

COMPUTER SCIENCE DEPARTMENT

Total Marks: _____

Obtained Marks: _____

Date: _____

Database Systems (Lab)

Final Project [Online Car Rental]

Submitted To: **Touqeer Malik**

Student Name: **Abdullah Zahid , Hina Moin Syed**

Reg. Number: **1812103** , **1812114**

COMPUTER SCIENCE DEPARTMENT

1. Distribution of Work

Reg. No.	Name	Assigned Work
1812103	Abdullah Zahid	Design and implementation of the database in SQL WorkBench
1812114	Hina Moin Syed	Design and implementation of complete front end using PHP & HTML

2. Project Description

Online Car Rental

This project is designed and made according to modern needs. As traveling has increased in the past decade and in the past couple of years online system has been used more. People have stopped going to their travel agents for getting their flight booked or hotel rooms, as all of this can be done from your home with much more discounted prices.

We have introduced an online car rental system. On this system a user can easily book a car according to his/her need before hand, So they don't have to do the hassle to find a car once they have reached their desired destination.

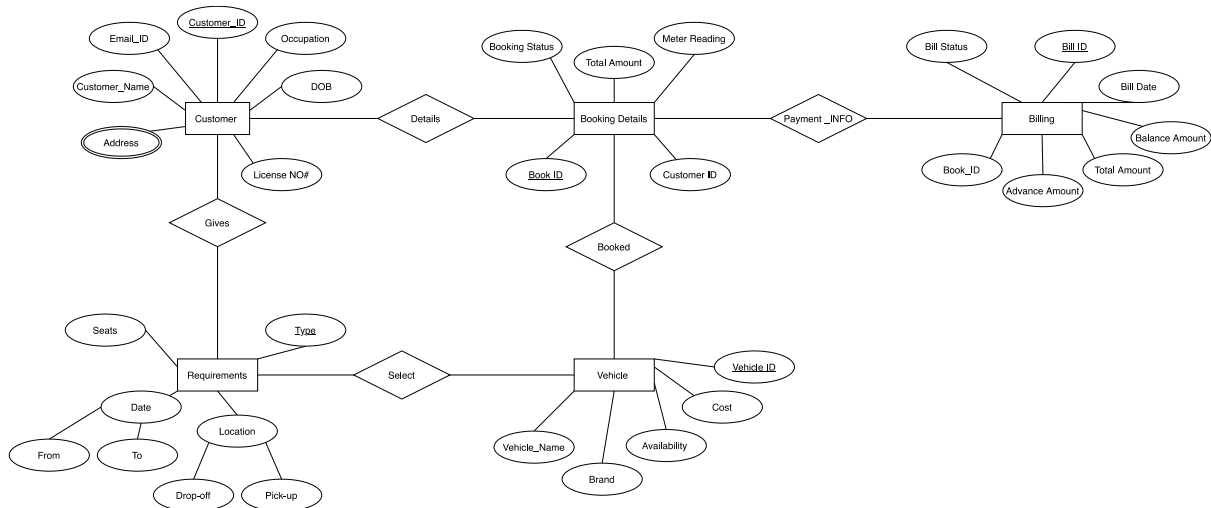
The online car system is very user friendly because of the smartly designed UI

!HOW IT WORKS!

1. The system will first ask for an id or password if the admin wants to check the pervious bookings or book a car for someone.
2. If a guest is using it they will order car. Where they will first enter their personal information, then the system will ask the user to input the car requirements where he/she will enter the dates they need the car for the pickup and drop off location and the type of vehicle e.g SUV or sedan.
Then the system will fetch the cars available according to the user's needs and display it with its price to the user. It will show the car company, model , its cost per day and finally its meter reading.
3. When the admin logs in the system he/she will select Customer information tab from the main page. This will take them to the Customers information where they can see the information of all the customers. There will be two buttons which will take then to the billing information of each customer and booking details of every customer.
4. Finally on the main page there will be a tab of View all booked vehicles. In this all the booked vehicles will be shown to see which vehicle is left available. From there a button named customer details will take to you to customer's detail of who booked the specific vehicle.

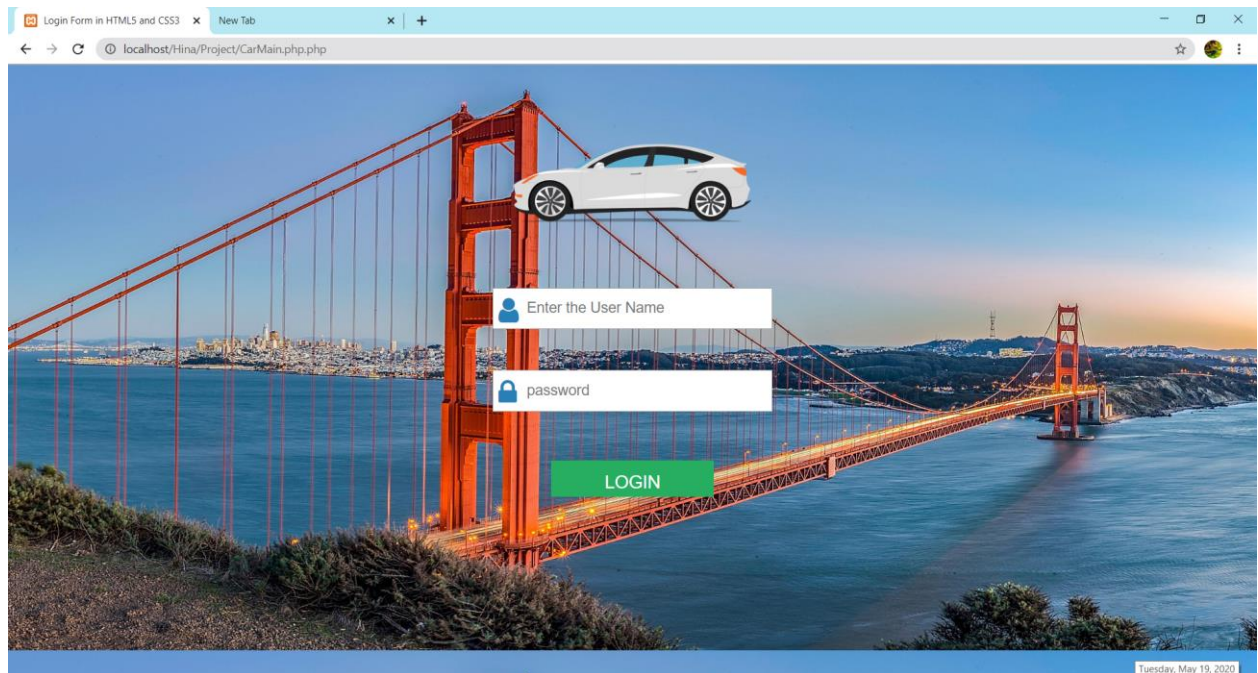
COMPUTER SCIENCE DEPARTMENT

3. Database Requirements mapped to ER Diagram



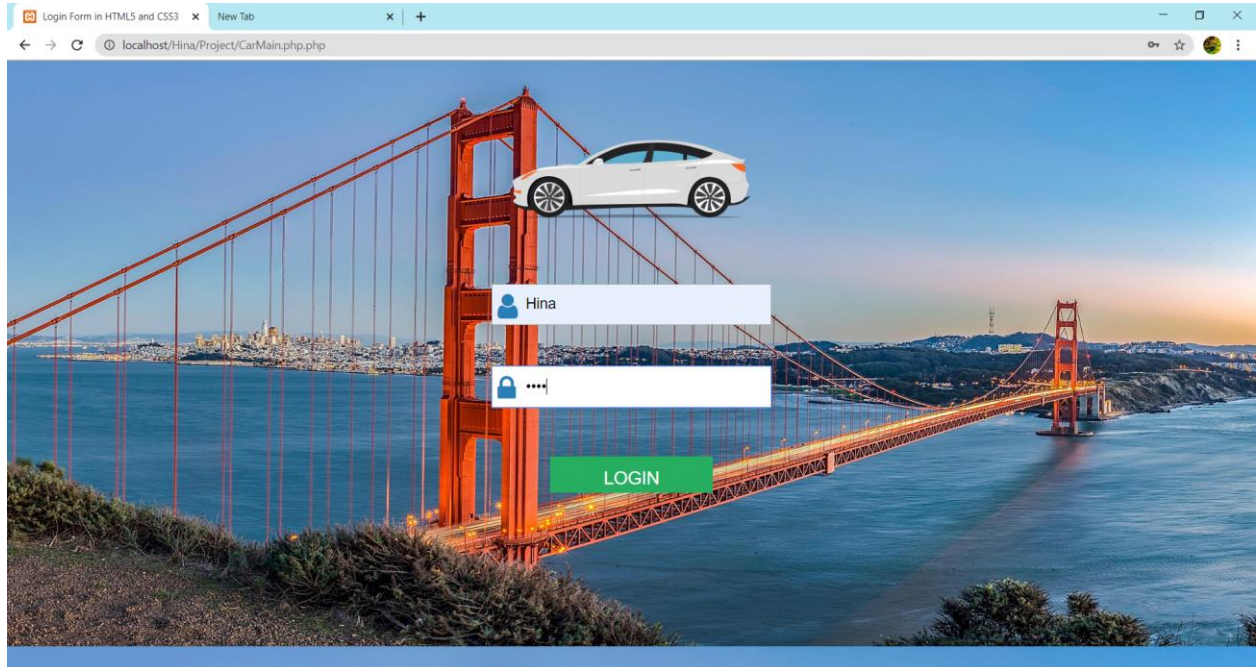
4. Interface Mock-ups (Wire-Frames)

1. The login page of the Online Car Rental

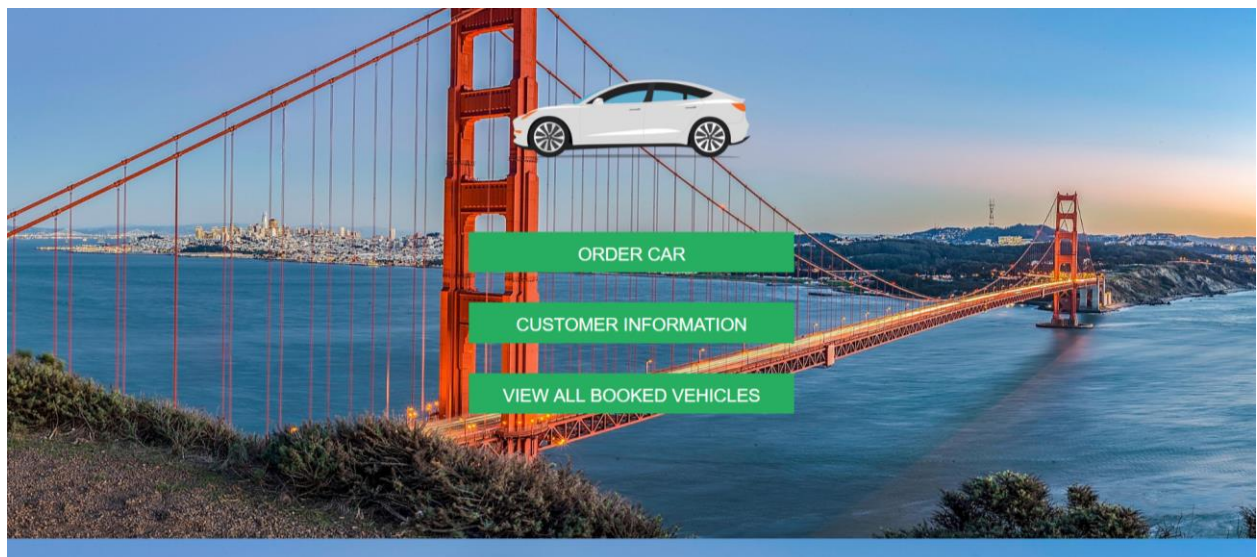


COMPUTER SCIENCE DEPARTMENT

2. When the correct user id and password is given it will take the user to the main page.

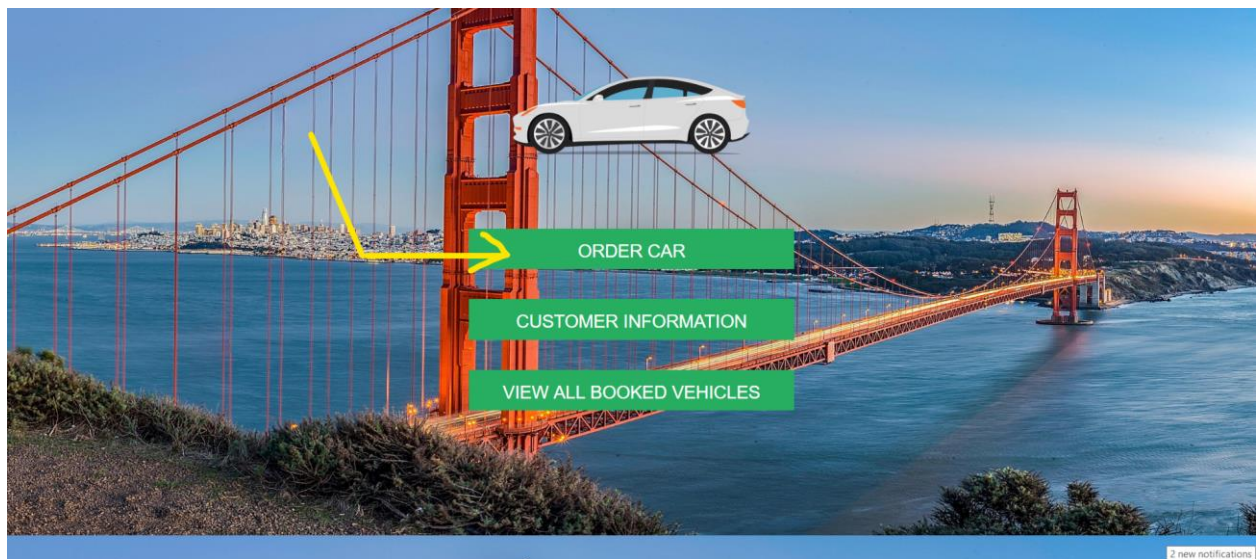


3. The main page of the system where you can select a desired operation.

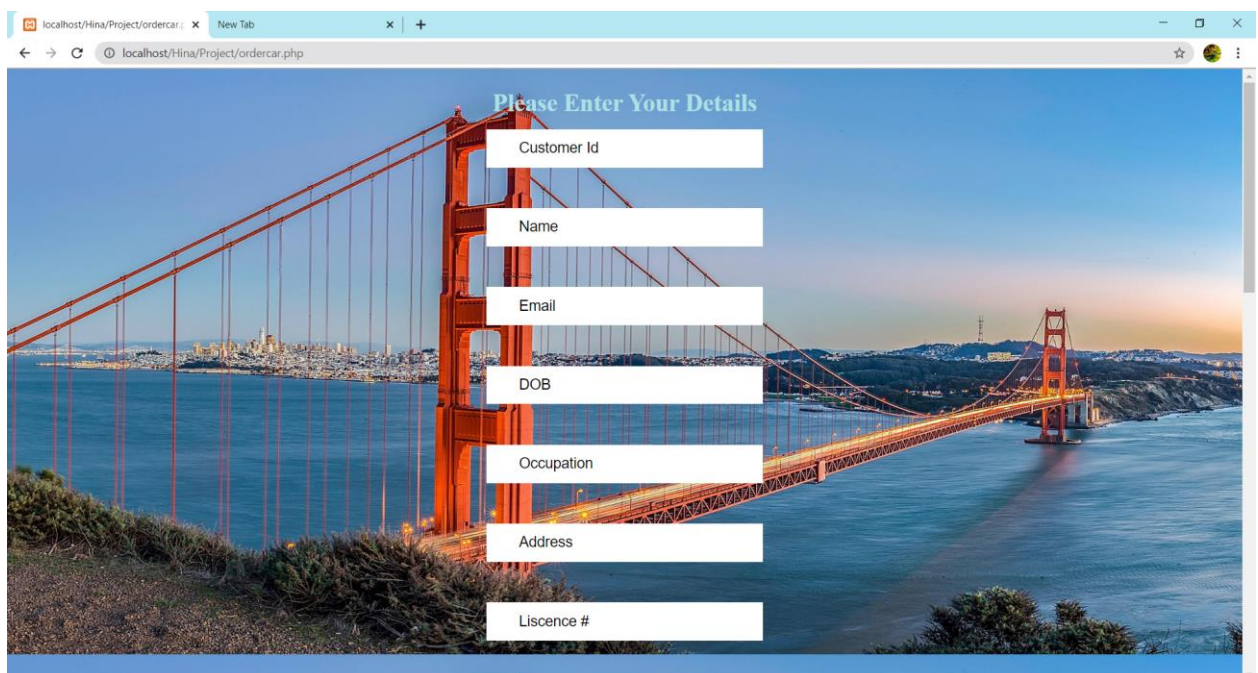


4. Order Car operation selected

COMPUTER SCIENCE DEPARTMENT

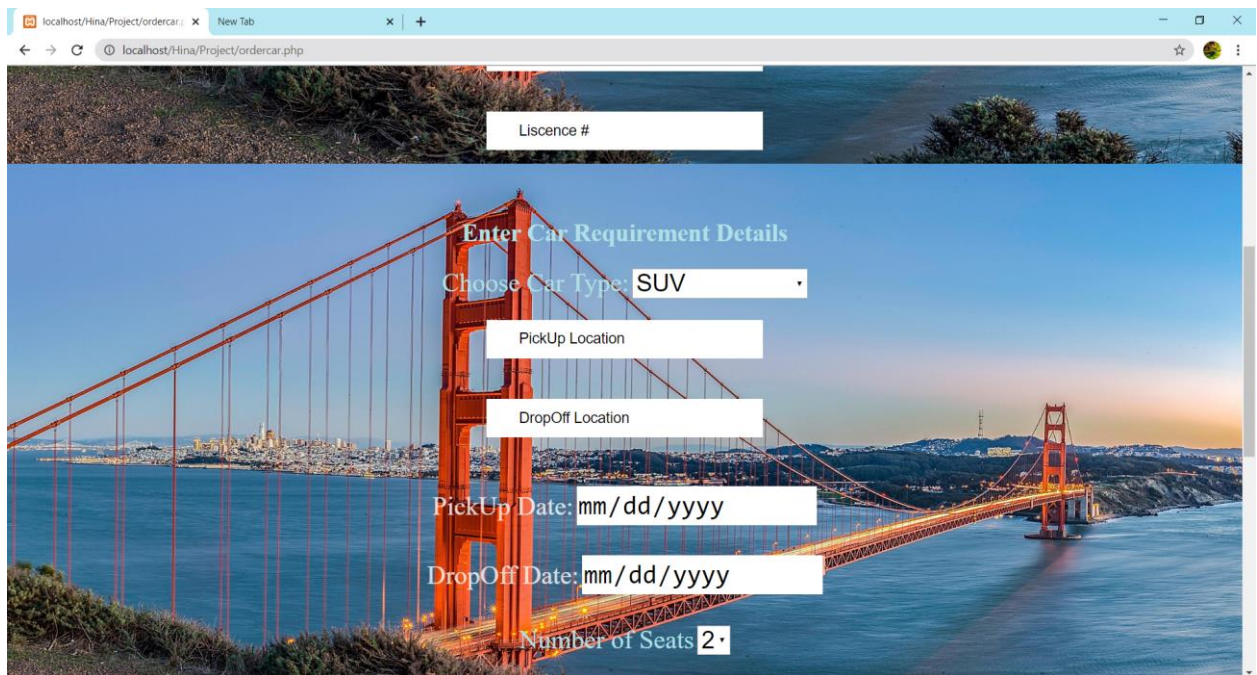


5. In Order car you will have to input the drivers personal information on which the car will be booked.



6. Once the personal information has been given it will then tell you to enter the car requirements.

COMPUTER SCIENCE DEPARTMENT



localhost/Hina/Project/ordercar: x New Tab

localhost/Hina/Project/ordercar.php

Liscence #

Enter Car Requirement Details

Choose Car Type: SUV

PickUp Location

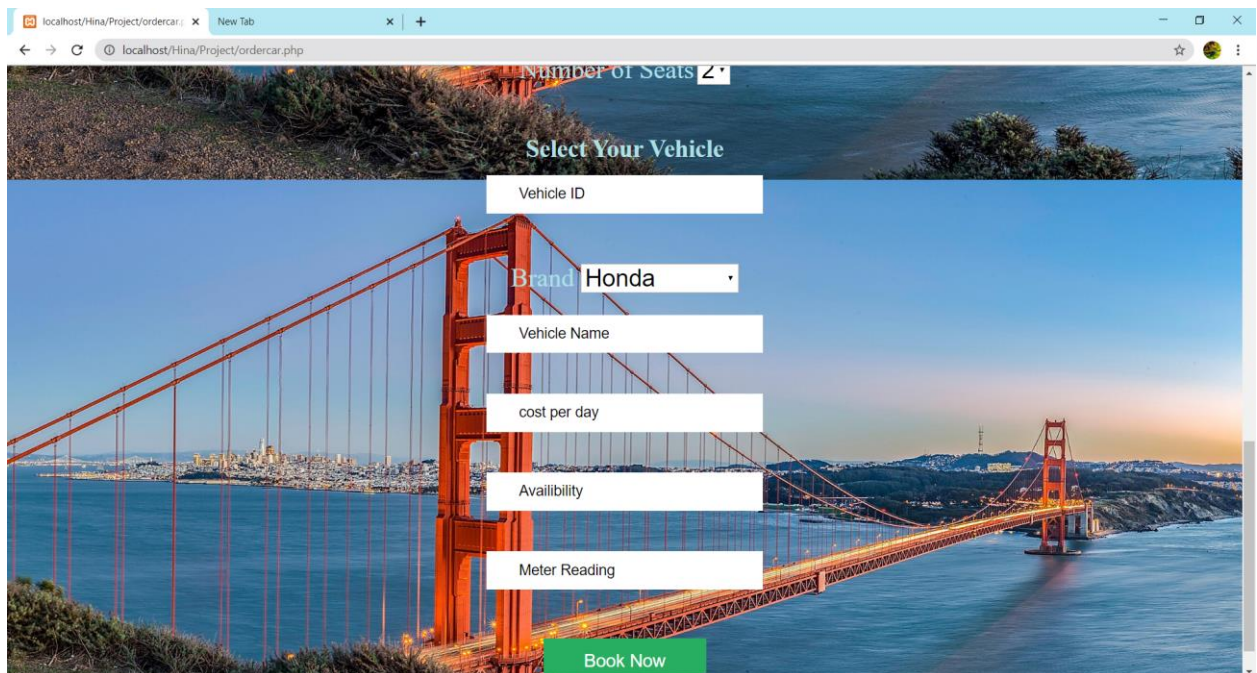
DropOff Location

PickUp Date: mm/dd/yyyy

DropOff Date: mm/dd/yyyy

Number of Seats 2

7. Once you have entered the vehicle requirements the system will filter car according to the requirements and will then show you the available vehicles of the given requirements.



localhost/Hina/Project/ordercar: x New Tab

localhost/Hina/Project/ordercar.php

Number of Seats 2

Select Your Vehicle

Vehicle ID

Brand Honda

Vehicle Name

cost per day

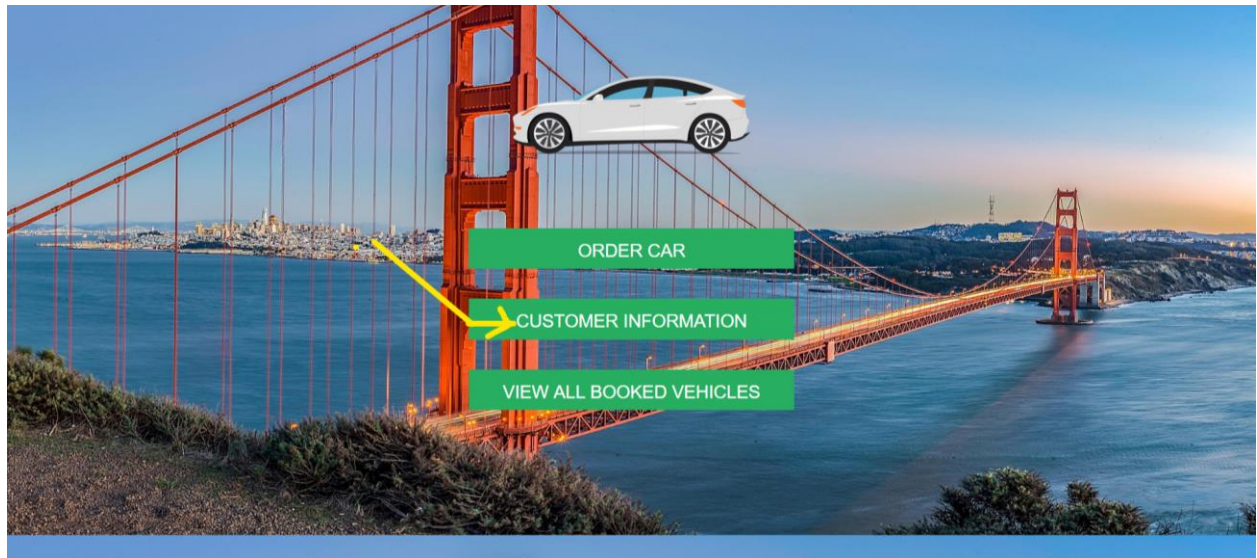
Availability

Meter Reading

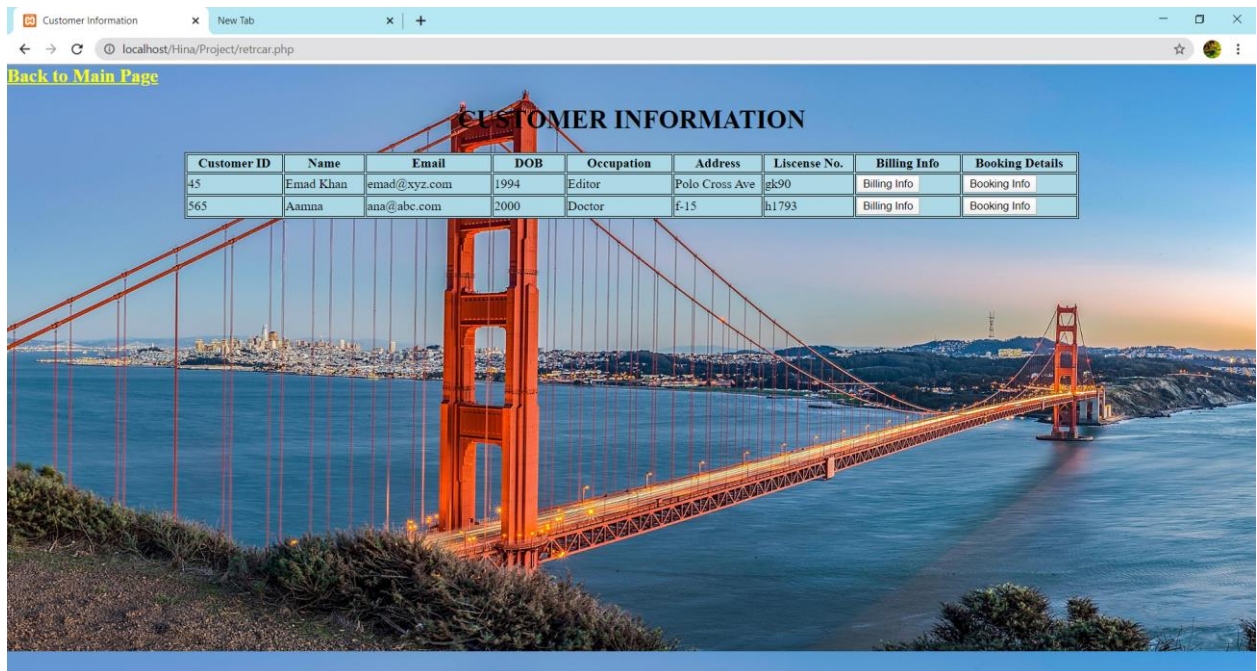
Book Now

8. To see the customer information you will go to this tab.

COMPUTER SCIENCE DEPARTMENT



9. The Customer information tab will show you all of the customers information. This tab also has two buttons one for billing info each separate for the customer and one for booking details of every individual customer.



10. You select billing info.

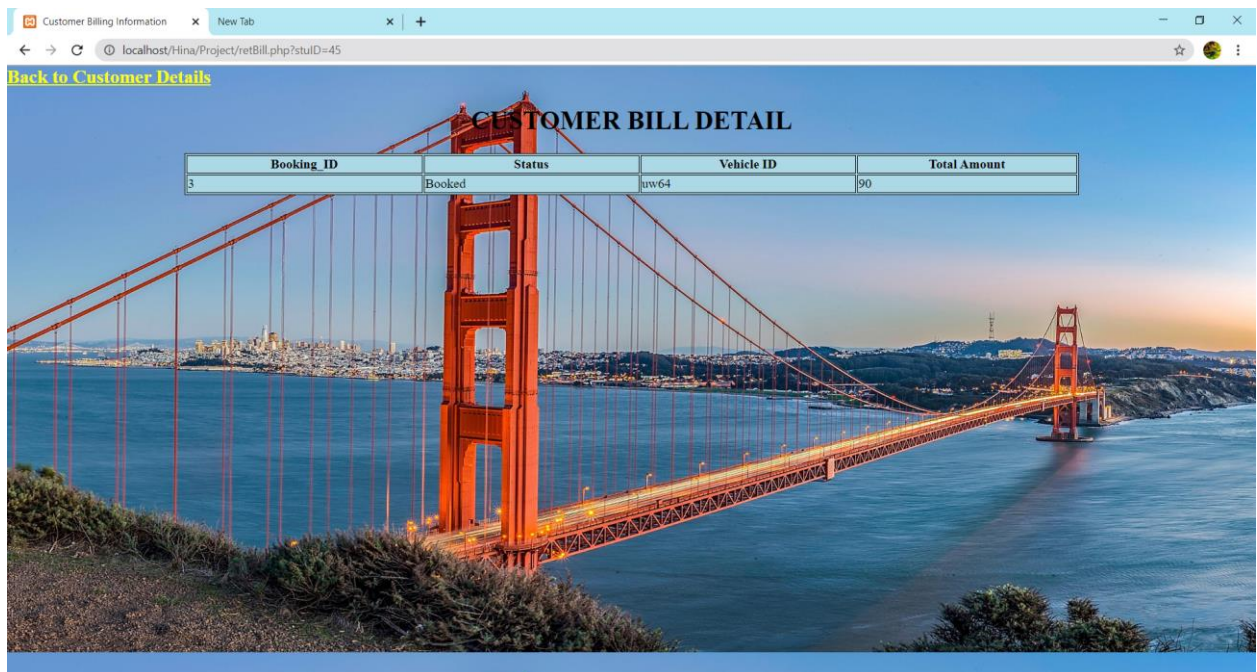
COMPUTER SCIENCE DEPARTMENT



CUSTOMER INFORMATION

Customer ID	Name	Email	DOB	Occupation	Address	License No.	Billing Info	Booking Details
45	Emad Khan	emad@xyz.com	1994	Editor	Polo Cross Ave	gk90	Billing Info	Booking Info
565	Aamna	ana@abc.com	2000	Doctor	f-15	h1793	Billing Info	Booking Info

11. When the button is selected for bill details it will show the bill detail of the selected customer from whose column the button is pressed.

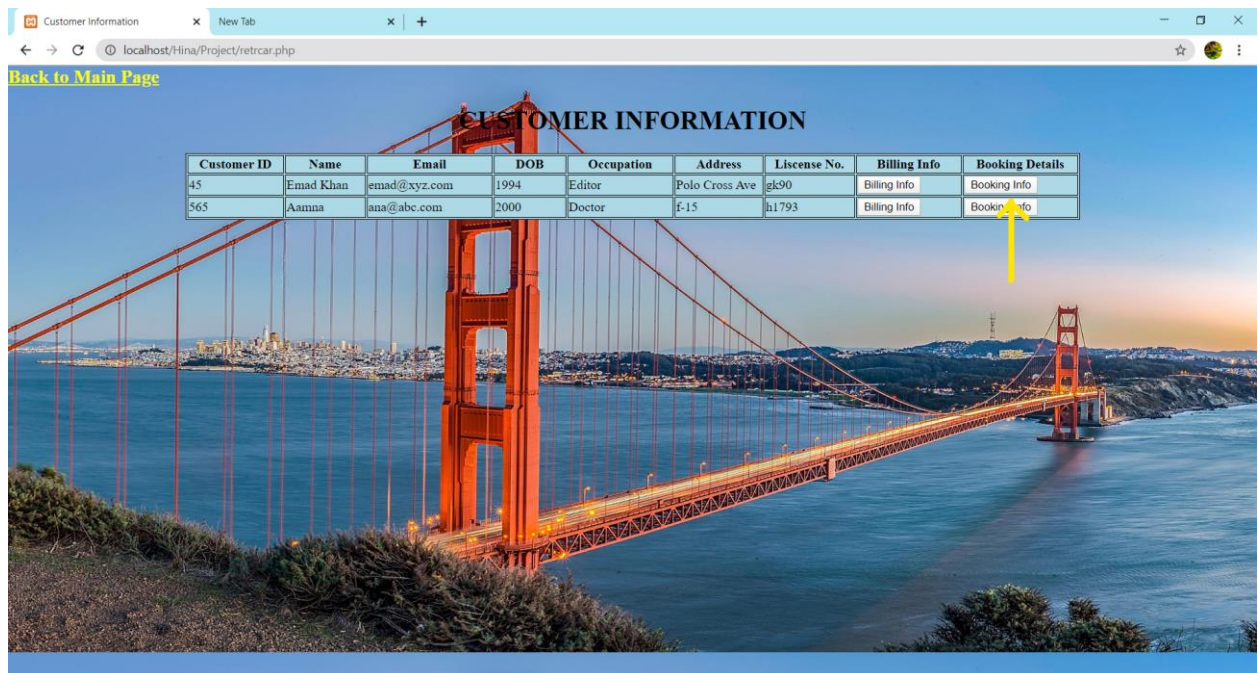


CUSTOMER BILL DETAIL

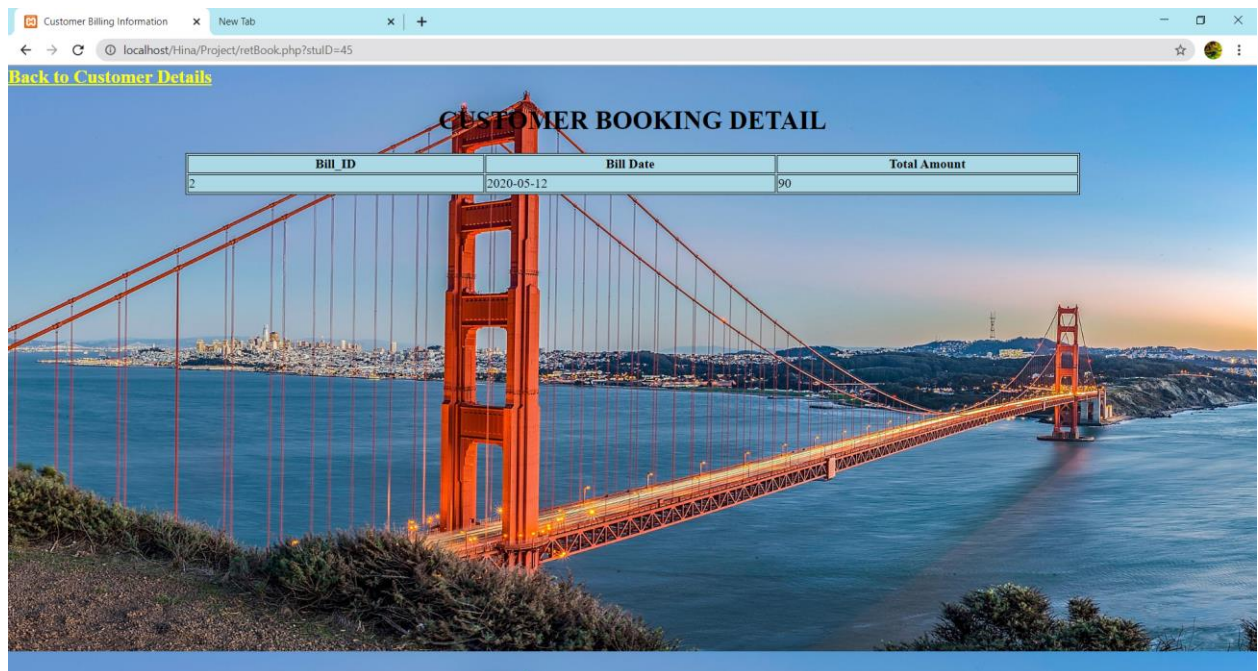
Booking ID	Status	Vehicle ID	Total Amount
3	Booked	uw64	90

12. Booking details button.

COMPUTER SCIENCE DEPARTMENT

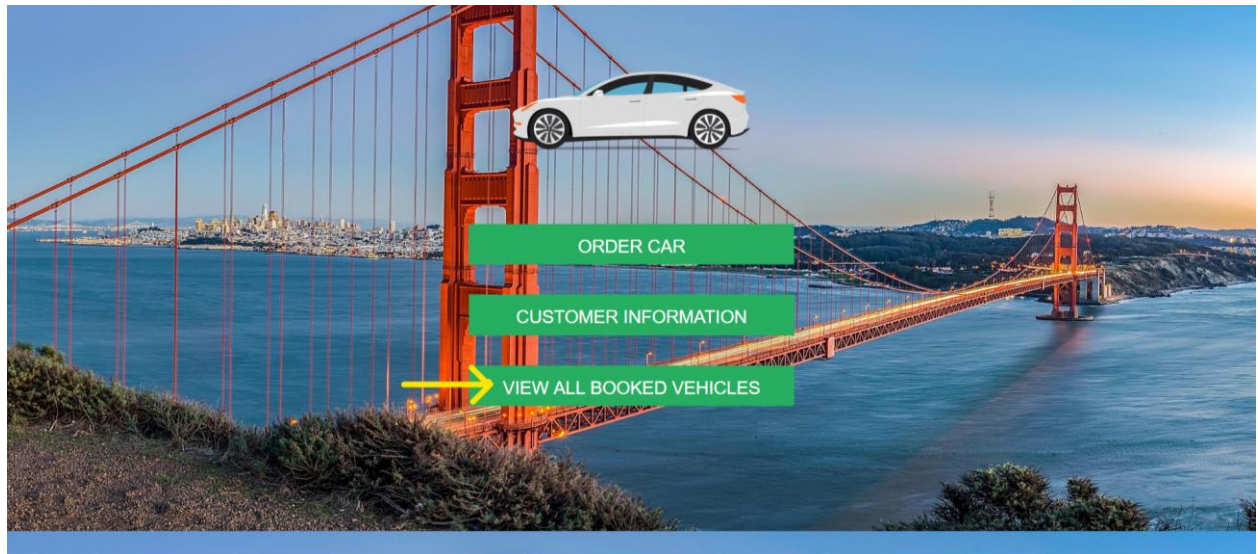


13. When the booking detail button is pressed from the column of the selected customer it will show his/her booking details.

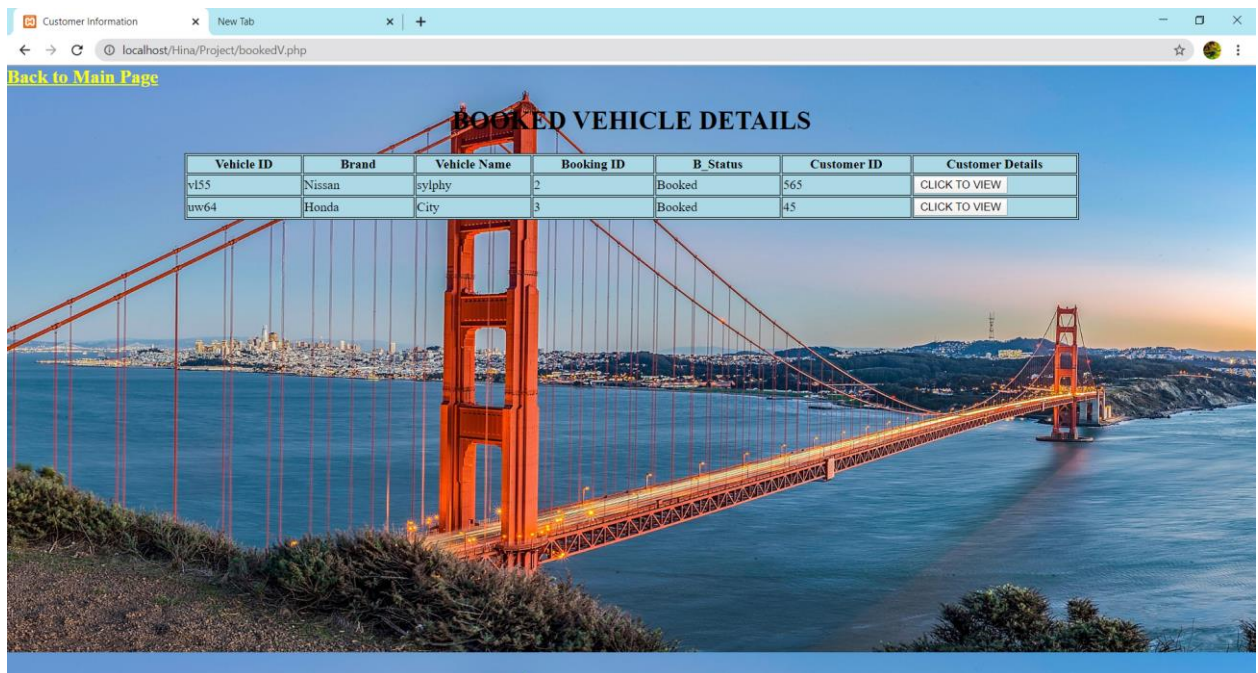


14. The Last tab of View all booked vehicles.

COMPUTER SCIENCE DEPARTMENT



15. This tab will show all the booked vehicles and having a button to show that who booked which vehicle.



16. The button is pressed for customer details.

COMPUTER SCIENCE DEPARTMENT

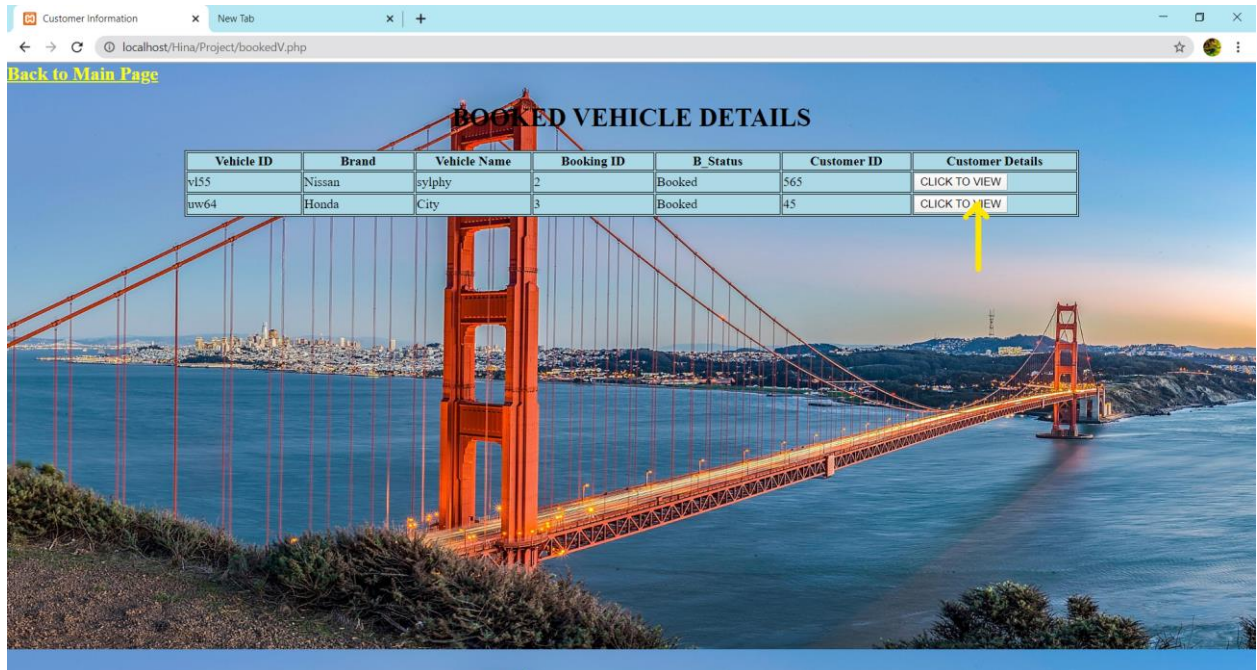
Customer Information x New Tab x +

localhost/Hina/Project/bookedV.php

[Back to Main Page](#)

BOOKED VEHICLE DETAILS

Vehicle ID	Brand	Vehicle Name	Booking ID	B Status	Customer ID	Customer Details
v155	Nissan	sylphy	2	Booked	565	CLICK TO VIEW
uw64	Honda	City	3	Booked	45	CLICK TO VIEW



17. The customer details are shown. For who booked the specific vehicle.

Customer Billing Information x New Tab x +

localhost/Hina/Project/customerV.php?stuID=565

[Back to Booking Details](#)

CUSTOMER INFORMATION

Customer ID	Name	Email	DOB	Occupation	Address	License No.
565	Aamna	ana@abc.com	2000	Doctor	f-15	h1793

